

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Cancelled)
2. (Previously Presented) A floor structure comprising:  
left and right floor frame members;  
a plurality of crossmembers extended between the left and right floor frame members at predetermined longitudinal intervals;  
a floor panel mounted to the left and right floor frame members and the crossmembers;  
and  
a corrugated sheet of wave form having a plurality of longitudinally oriented ridges disposed in a substantially rectangular space formed by the left and right floor frame members and opposite ones of the crossmembers,  
left and right side portions of the corrugated sheet being connected to the left and right floor frame members, respectively, front and rear edge portions of the corrugated sheet being connected to the opposite crossmembers, the ridges of the corrugated sheet being connected to the floor panel,  
wherein the floor panel is mounted on top of the left and right floor frame members and the crossmembers.
3. (Original) A floor structure according to claim 2, wherein the ridges of the corrugated sheet are upward-protruded portions.
4. (Withdrawn) A floor structure according to claim 1, wherein the floor panel is mounted to the bottom of the left and right floor frame members and the crossmembers.
5. (Withdrawn) A floor structure according to claim 4, wherein the ridges of the corrugated sheet are downward-protruded portions.

6. (Currently Amended) A vehicle floor structure comprising:  
left and right floor frame members;  
a plurality of crossmembers extended between the left and right floor frame members at  
predetermined longitudinal intervals;  
a floor panel mounted to the left and right floor frame members and the crossmembers,  
the floor panel having front and rear end portions connected to front and rear crossmembers,  
respectively, of the plurality of crossmembers; and  
a corrugated sheet of wave form having a plurality of longitudinally oriented ridges  
disposed in a substantially rectangular space formed by the left and right floor frame members  
and opposed crossmembers.  
the corrugated sheet having left and right side portions connected to the left and right floor frame  
members, respectively, and front and rear edge portions connected to the front and rear  
crossmembers, respectively, the ridges of the corrugated sheet being connected to the floor panel.  
A floor structure according to claim 1, wherein the front and rear crossmembers each have a U-  
shaped cross-section and include a bottom disposed horizontally, a front wall extending  
vertically upward from a front edge of the bottom, a rear wall extending vertically upward from a  
rear edge of the bottom, and front and rear flat flanges formed at upper ends of the front and rear  
walls, respectively, the front and rear edge portions of the corrugated sheet are each connected to  
the bottom of a respective one of the front and rear crossmembers of the U-shaped cross-  
sections, and the front and rear end portions of the floor panel are each connected to the front  
and rear flat flanges of a respective one of the front and rear crossmembers of the U-shaped  
cross-section.

7. (Currently Amended) A floor structure according to claim 6, wherein the corrugated  
sheet panel has a plurality of alternate raised strips and flat portions disposed transversely  
thereof, each of the raised strips having an upper surface forming a respective one of the ridges  
and left and right side walls connected together by the ridge, each of the front and rear edge  
portions of the corrugated sheet having a first step formed in the ridge of each of the raised  
strips, left and right flat flaps formed at an end of the left and right side walls of each raised strip,  
and a second step formed at an end of each of the flat portions, the first step being in abutment

with a rear surface of one of the front and rear flat flanges of the front or the rear crossmember, the flat flaps being in abutment with one of the front and rear walls of the front or the rear crossmember, and the second step being in abutment with the bottom of the front or the rear crossmember.